

AD-A188 489

DATE 1-5-88

TO: Information Services Branch

FROM: Computer Products Support Group RT KT L.B.
(Init)

RE: DOD/SW/MT-88/011 Announce in GRA&I
(Report No.)

Priority Action is Required

Attached

- ☒ Form NTIS 231.
- ☒ Form 277
- ☒ NTIS 79
- ☒ RDP (OF 272)
- ☐ Proof Listing
- ☐ Consigned Inventory Acquisition Form (Interagency Agreement Number and Split)

Process for:

- | | | |
|------------|-------------------------------------|---------------|
| K File | <input type="checkbox"/> | Documentation |
| (Data) | <input type="checkbox"/> | Mag Tape |
| ----- | | |
| H File | <input checked="" type="checkbox"/> | Documentation |
| (Software) | <input checked="" type="checkbox"/> | Mag Tape |

Action

- ☐ Loan Document Form Attached
- ☒ Defense Sponsored: Acquire ADA Number
- ☐ Order Pending. Return immediately after copying necessary pages.

Remarks

Highlight!

DTIC
ELECTE
S FEB 09 1988 **D**

Approved for public release
Distribution Unlimited

Computer Products Transmittal

88 2 00 000

☐ DELETE☒ NEW☐ REPLACE☐ CORRECTION

NTIS COMPUTER PRODUCTS CATALOG DATA SHEET		1. ACCESSION NO.	2. CONTRIBUTING AGENCY REPORT NO. *See box 10 DOD/SW/MT-88/011	3. SUBJECT												
4. PRODUCT (circle one) <div style="display: flex; justify-content: space-between;"><div>DATA FILE</div><div>PUBLICATION</div></div> <div style="display: flex; justify-content: space-between;"><div>DATA BASE REFERENCE SERVICE</div><div><u>SOFTWARE</u></div><div>MODEL, SIMULATION</div></div>																
5. AGENCY, BUREAU, DIVISION, AND ADDRESS ASD/SCOL Language Control Division Area B, Bldg 676 Wright-Patterson AFB OH 45433-6503																
6. PRODUCT NAME (Use agency nomenclature) Ada Compiler Validation Capability (ACVC) Version 1.10: BACKUP																
7. DESCRIPTORS OF PRODUCT (Keywords, identifiers, etc.) *Software, The ACVC is a suite of tests designed to test on Ada compiler's conformance to MIL-STD-1815A.																
8. DATES OF COVERAGE (For one-time reports, use as-of-date; for software, use date and release no.) 1 DEC 87, Version 1.10			9. FILE SIZE IN NO. OF: REELS <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> PUNCHED CARDS <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u>													
10. AVAILABILITY STATEMENT - AGENCY NAME AND ADDRESS, ORDER NO., ETC. (If NTIS sells, leave blank) *See also: AD-A 187 406																
11. PRICE INFORMATION Price code: T99 (\$1,000 Domestic) Price includes documentation: (\$2,000 Foreign)																
12. GEOGRAPHIC SCOPE																
13. TECHNICAL REPRESENTATIVES (List at least one for subject and one for media) <table border="1" style="width: 100%;"><thead><tr><th>NAME</th><th>TITLE</th><th>PHONE NO.</th></tr></thead><tbody><tr><td>STEVEN P. WILSON</td><td>MATEHMATICIAN</td><td>513-255-4472</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>					NAME	TITLE	PHONE NO.	STEVEN P. WILSON	MATEHMATICIAN	513-255-4472						
NAME	TITLE	PHONE NO.														
STEVEN P. WILSON	MATEHMATICIAN	513-255-4472														
14. DOCUMENTATION <input checked="" type="checkbox"/> AVAILABLE as:			EXPECTED AVAILABILITY DATE													

Each of the 3719 tests in the ACVC 1.10 is designed to test a single test objective specified in the Ada Implementer's Guide (AIG), a document enumerating the LRM into discrete test objectives in order to aid compiler development.

The ACVC 1.10 is written on 43 diskettes in MS DOS format at nine sectors per track. Each test in the suite is named according to the compilation stages (compile, link, execute) analyzed and the section of the AIG, down to the specific test objective, covered. Software Description: The model is written in the Ada programming language for implementation on a DEC VAX-11/780 computer using the VMS operating system. Memory requirement is 10 K bytes.

Accession For	NPS CRASH NPS # 2 Inventory of Crash Site	NTIS - 1,000.00	
			A-1 21

Source tape is in ASCII character set. Character set restricts preparation to 9 track, one-half inch tape only. Identify recording mode by specifying density only. Call NTIS Computer Products, if you have any questions.

Software is written in;

Fortran _____ COBOL _____ Basic _____ Assembly _____ Other (Specify) _____ Ada _____

Software requires;

CPR Mfr. DEC VAX-11/⁷⁸⁰ model(s) Operating system(s) VMS

Minimum of 10 K bytes core. The following special features and/or additional requirements in hardware:

SIGNATURE OF NTIS REPRESENTATIVE AND DATE
FORM PREPARED

COMPUTER MAGNETIC TAPE FILE PROPERTIES

01. Completion Date Year: 8, Month: 7, Day: 1 Year: 8, Month: 7, Day: 1			02. Form Prepared By (Name and Phone) STEVEN P. WILSON (513) 255-4472			03. Reel ID Number <i>OPMADS</i> (Property Control No.) ACVC 1.10 BACKUP		
04. Recording Date Year: 8, Month: 7, Day: 1 Year: 8, Month: 7, Day: 1			05. File Identifier or Descriptive Title Ada Compiler Validation Capability (ACVC) Version 1.10			06. Short Title (External Label Name) ACVC10		
07. Source Unavailable Year: , Month: , Day: Year: , Month: , Day:			08. Documentation Yes No Available X Available (Enter Citation)			09. File Position on Reel WHOLE TAPE of		
10. To Be Returned Yes No To Other X Than The Sender			11. Submitting Organization & Address ASD/SCOL Bldg 676 Wright-Patterson AFB OH 45433-6503			12. Receiving Organization & Address U S DEPT OF COMMERCE National Technical Information Serv 5285 Port Royal Road Springfield VA 22161		
13. Due Back Date Year: , Month: , Day: Year: , Month: , Day:								

14. Technical Contact(s) & Phone Number(s)

Steven Wilson (513) 255-4472

RECORDING SYSTEM CHARACTERISTICS

EQUIPMENT MANUFACTURER AND MODEL	15. Processing Unit DEC VAX-11/780	17. No. of Tracks			18. Parity		19. Density (BPI) 1600
	16. Tape Subsystem Systems Industries 1953	7	9	Other	Odd	Even	
RECORDING SOFTWARE	20. Operating System, Release & Version VMS	22. Internal File Identifier ACVC10.BCK					
	21. Utility Program or Data Base Language BACKUP						
23. Characters Set (Graphics)	<input checked="" type="checkbox"/> ASCII <input type="checkbox"/> BCD <input type="checkbox"/> Other (Specify) <input type="checkbox"/> EBCDIC <input type="checkbox"/> FIELDATA <input type="checkbox"/> Non-Print Codes		24. Recorded Label (Internal Label) <input type="checkbox"/> Header <input type="checkbox"/> ANSI X 3.27 Standard <input type="checkbox"/> Other <input type="checkbox"/> Trailer <input type="checkbox"/> FIPS Standard <input checked="" type="checkbox"/> None				

FILE CHARACTERISTICS

NUMBER OF RECORDS	25. Physical 2248	27. Record Type <input type="checkbox"/> Fixed Length <input checked="" type="checkbox"/> Other Than Fixed	28. Records/Block (Blocking Factor) N/A	29. TYPE OF FILE ORGANIZ- ATION (Check One Box) <input checked="" type="checkbox"/> One File One Reel <input type="checkbox"/> One File Multiple Reels <input type="checkbox"/> Multiple Files One Reel <input type="checkbox"/> Multiple Files Multiple Reels
	26. Logical 1			
RECORD LENGTH	30. Physical <input checked="" type="checkbox"/> Bytes <input type="checkbox"/> Chars. <input type="checkbox"/> Words (Bits/Word)			
	31. Logical <input type="checkbox"/> Bytes <input checked="" type="checkbox"/> Chars. <input type="checkbox"/> Words (Bits/Word)			

SUPPLEMENTAL INFORMATION

32 Use/Handling Constraints (Specify if Yes)

Yes	No	The ACVC is unclassified U.S. software technology. It should be distributed to domestic and foreign requesters according to Dept of Commerce Policy.
X		

33 For Submitting Organization Use